

2. (ONCE AMENDED) A plasma display apparatus according to claim 1, wherein said data converter has a plurality of conversion characteristics, and a desired conversion characteristic is selected in accordance with a mode set signal to select said plurality of conversion characteristics.

5. (ONCE AMENDED) A data converter used with a plasma display apparatus which represents the luminance of one frame in accordance with a combination of sub-frames having predetermined luminance levels, wherein video input data are converted into output data in which the ON/OFF states of the plurality of sub-frames are specified, and wherein the sub-frames include a smaller luminance sub-frame which has a luminance level lower than the minimum gray scale level of luminance which can be represented by the number of bits in the input video data.

7. (ONCE AMENDED) Driving method for a plasma display apparatus which represents the luminance of one frame in accordance with a combination of sub-frames having predetermined luminance levels, comprising:  
 converting video input data into output data in which the ON/OFF states of the plurality of sub-frames are specified;  
 wherein the sub-frames include a smaller luminance sub-frame which has a luminance level lower than the minimum gray scale level of luminance which can be represented by the number of bits in the input video data.

#### REMARKS

In accordance with the foregoing, claim 1-2, 5 and 7 have been amended. No new matter in being presented, and approval and entry are respectfully requested.

Claims 1-7 are pending and under consideration.

#### **REJECTIONS UNDER 35 U.S.C. §103**

Claims 1-7 were rejected under 35 U.S.C. §103(a) as being unpatentable over Wakitani et al. (U.S. Patent No. 5,940,142) in view of Tajima et al. (U.S. Patent No. 6,222,512). This rejection is respectfully traversed for the following reasons.